

GenCore version 5.1.6
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nucleic - nucleic search, using sw model

on: October 12, 2003, 13:00:31 ; Search time 321.958 Seconds
(without alignments)
7954.691 Million cell updates/sec

file: US-09-646-561-9
score: 987
sequence: 1 atgtatctcaatgtcaat.....accacatgtactacacatggtt 987

string table: IDENTITY_NUC
Gapext 1.0
Gapop 10.0 , Gapext 1.0

searched: 1731c49 seqs, 1297405648 residues

Maximum DB seq length: 0
Minimum DB seq length: 2000000000

st-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Published Applications NA:
1: /cgn2_6/ptodata/2/pubpna/us07_pubcomb.seq;
2: /cgn2_6/ptodata/2/pubpna/pct_new_pub.seq;
3: /cgn2_6/ptodata/2/pubpna/us06_new_pub.seq;
4: /cgn2_6/ptodata/2/pubpna/us05_pubcomb.seq;
5: /cgn2_6/ptodata/2/pubpna/us07_new_pub.seq;
6: /cgn2_6/ptodata/2/pubpna/ptcns_pubcomb.seq;
7: /cgn2_6/ptodata/2/pubpna/us08_new_pub.seq;
8: /cgn2_6/ptodata/2/pubpna/us08_pubcomb.seq;
9: /cgn2_6/ptodata/2/pubpna/us09_pubcomb.seq;
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13: /cgn2_6/ptodata/2/pubpna/us10_pubcomb.seq;
14: /cgn2_6/ptodata/2/pubpna/us10_pubseq;
15: /cgn2_6/ptodata/2/pubpna/us10_new_pub.seq;
16: /cgn2_6/ptodata/2/pubpna/us60_new_pub.seq;
17: /cgn2_6/ptodata/2/pubpna/us60_pubcomb.seq;

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SEQUENCES

Result No.	Score	Match	Length	DB ID	Description
1	772.8	78.3	1080	9	US-09-303-510-5
2	772.8	78.3	1080	9	US-09-303-040-5
3	575.2	58.3	1002	12	US-10-266-463A-33
4	575.2	58.3	1002	14	US-10-105-200A-33
5	575.2	58.3	1002	14	US-10-105-50A-33
6	575.2	58.3	1002	14	US-10-678A-33
7	575.2	58.3	1112	11	US-09-441-411-25
8	575.2	58.3	1120	8	US-08-592-711-3
9	575.2	58.3	1120	9	US-09-873-878-22
10	575.2	58.3	1120	11	US-09-962-969-22
11	575.2	58.3	1120	11	US-09-350-202-3
12	575.2	58.3	1161	9	US-09-873-867A-24
13	575.2	58.3	1161	11	US-09-962-969-24
14	570.2	57.8	1424	9	US-09-962-436-556
15	570.2	57.8	1424	10	US-09-954-531-366
16	570.2	57.8	1424	11	US-09-441-411-21

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6	575.2	58.3	1002	14	US-10-678A-33
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13	575.2	58.3	1161	11	US-09-962-969-24
14	570.2	57.8	1424	9	US-09-962-436-556
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2	772.8	78.3	1080	9	US-09-303-040-5
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4	575.2	58.3	1002	14	US-10-105-200A-33
5	575.2	58.3	1002		

SUMMARIES						
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1	772.8	78.3	1080	9	US-09-303-510-5	Sequence 5, App
2	772.8	78.3	1080	9	US-09-303-040-5	Sequence 5, App
3	515.2	58.3	1002	12	US-10-266-463A-33	Sequence 33, App
4	515.2	58.3	1002	14	US-10-105-200A-33	Sequence 33, App
5	575.2	58.3	1002	14	US-10-105-504A-33	Sequence 33, App
6	575.2	58.3	1002	14	US-10-105-678A-33	Sequence 33, App
7	575.2	58.3	1122	11	US-09-441-411-25	Sequence 25, App
8	575.2	58.3	1120	8	US-08-592-111-3	Sequence 3, App
9	575.2	58.3	1120	9	US-09-837-067A-22	Sequence 22, App
10	575.2	58.3	1120	11	US-09-962-969-22	Sequence 22, App
11	575.2	58.3	1120	11	US-09-350-202-3	Sequence 3, App
12	575.2	58.3	1161	9	US-09-837-067A-24	Sequence 24, App
13	575.2	58.3	1161	11	US-09-962-969-24	Sequence 24, App
14	570.2	57.8	1424	9	US-09-962-036-556	Sequence 556, App
15	570.2	57.8	1424	10	US-09-554-051-361	Sequence 21, App
16	570.2	57.8	1424	11	US-09-441-411-21	Sequence 21, App

QY	194	TGTACGAGCTATACAGGCAAAAGAACCTCAAATGTCATCGCAAGTATAAGGGCC	253	SOFTWARE: PatentIn Ver. 2.0
Db	259	TGATGAGATTCAGGCAAAAGAACCTCAAATGTCATCGCAAGTATAAGGGCC	318	SEQ ID NO: 5
				LENGTH: 1080
				TYPE: DNA
QY	254	GCACAGCTTGTGAAAGACATTTGGACCTGAACTCCATATAATGTCATCGCAAA	313	ORGANISM: feline CD86
Db	319	GTCAAGCTTGTGAAAGACATTTGGACCTGAACTCCATATAATGTCATCGCAAA	378	FEATURE: CDS
				NAME/KEY: LOCATION: (63) .. (1052)
QY	314	AGCTGCTGTATCAAGTGTCTCATATAAGGCCAAAGGACTGTCCTGCAC	373	US-09-303-040-5
Db	379	AGGCCACATACATGTCTCATATAAGGCCAAAGGACTAGTCCTGCAC	438	Query Match Score: 772.8; DB: 9; Length: 1080;
QY	374	AGTGAATTCTGCCTATCGTGTCTGTAATCTGTCACCTGAAATATGTTAATC	433	Best Local Similarity: 88.8%; Pred. No. 5; e-228; Matches: 860; Conservative: 102; Indels: 6; Gaps: 2;
Db	439	ATATGAGTTCTGAGCTATCGTCCTCATACCTGAAATACCTTAATC	498	QY 14 GCACTATGCAACTGATAACATTCTCTTGTGATCACCCCTCTGCTATGTCCTGCTT
QY	434	CTATAGACAGAAATTCTGGCATCATATAATTGACCTGTCATCCATAAGGTTAAC	493	Db 73 GCACTATGGCTGAGTCACCTCCTCTGCTTGTGTTGTTCTGTT
Db	499	CTATAGACAGAAATTCTGGCATCATATAATTGACCTGTCATCCATAAGGTTAAC	558	QY 74 CCATGAGAGTCAGCATATTTCACACAGTGGAAACTGCCATGCGATTACATTACATT
QY	494	CAAGACCAAGGAGATGATTTTGGTAAACCCAGAAATTCAACTAAGTGTATA	533	Db 139 CCATGAGAGTCAGCATATTTCACAGCTGAGAACTGCAATTTCACAAACT
Db	559	CTGACACTAGGAGATGATTTCAGTCAGTAACTCTGCTTGTGTTGTTGTTGTT	618	QY 134 CTCAAACATAGCTGGATAGTGGTGTGTTGGAGGACAGGATACTGGTGTGCTC
QY	554	CTTCATGAGAAATCTCAAAATAATGTCAGAACTCTACAACTTCATGCTGTCTTGT	613	Db 199 CTCAAACATAGCTGGATAGCTGGTGTGTTGGAGGACAGGATACTGGTGTGCTC
Db	619	CTCTCATGAGAAATCTCAAAATAATGTCAGAACTGTAAACCTGTTATGCTTC	678	QY 194 TGTACGAGCTTACAGGCAAAAGAACCTCAAAATGTCAGCTGAGTATAAGGGCC
QY	614	CCTTCCTGAGTCCTGTGAGCAGCAATGTCAGCATCTCTGTCCTGCAACTCTGTC	673	Db 259 TGTATGAGATTCAGGCAAAAGAACCTCAAAATGTTCTCATCTCAAAATAGGGCC
Db	679	CTTTTCAGTCCTGTGAGCAACAAATGTCAGTAACTGTCCTGCTGAAACTGTCAG	738	QY 254 GCAACAGCTTGCACAGAACTGGACCTGAGACTCCATATACTGAGTCAGGACA
QY	674	T-GAACGTTCCCTCCTACCTTATATAAGTCAGA--TACGGAAACCCCTG	727	Db 319 GTACAGCTTGAAGGAACCTGAGCTTCAACTGAGCTTCAAAATGTCAGTAACTGACA
Db	739	TGGAGATCTGCTCTCCCTACCTTCAATATAGTCACAACTTAAAGAACCTG	798	QY 314 AGGGCTGTATCAATGTTCTCATATAAGGCCCCAAAGGACTCTTCCATGACCC
QY	728	ATGGAGACACATCCCTGGATTGCGCTCTGGCTTGTGTCATTTGTGTTGGAA	867	Db 379 AGGGCACATATCATCTCTTTCATTCATTTAAAGGCCCCAAAGGACTCTTCCATGACCC
Db	799	AACTGGGCACCTCTCTCTCTGGATTGCGCTTGTGTCATTTGTGTTGGAA	858	QY 374 ATGGAATCTGACCTATGTCATCTGCTGTTGTTGTTGTTGTTGAA
QY	788	TGGTGTCTTCTTCAACTAACTAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA	847	Db 439 AAATGAGTTCTGACCTATGTCATCTGCTGTTGCTAACTTCAGTCACAACTGAA
Db	859	TGGTGTCTTAAACAACTAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA	918	QY 434 CTAATAGAAAGAAATACTGTCATATAATTTGACCTGTCATCCATAAGGTAA
QY	848	GTGAAACCCACAAAGTGTGAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA	907	Db 499 CTTATGAGAAATCTCAAAATAATGTCAGAAACTCTACCTTCATGAACTTAC
Db	919	GTAAACCATCAAAAGGAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA	978	QY 494 CAGAACCCACAAAGGAAATTTGGTAAAGAACGAGATCTTCTGTCCTGCAACTTGTGATA
QY	908	ATGAAACCGAAAGGATCTGATGAAGCCCTGGCTGCCCTCTCATGAAAT	967	Db 559 CAGAACCTTACGAGCTGATGAACTTCTGCTGAACTTCTGAACTTCTGAACTTGTGATA
Db	979	ACGACTCTGAGACATCTGATGAAGCCCTGGCTTACATTGTCAGCCCTAGGGG	1038	QY 554 CTGTCATGAAAGAAATCTCAAAATAATGTCAGAAACTCTACCTTCATGAACTTGT
QY	968	ACACAGT 975		Db 619 CTGTCATGAAAGAAATCTCAAAATAATGTCAGAAACTCTACCTTCATGCTTC
Db	1039	ACAAAAAT 1046		QY 614 CCTTCCTGAGTCCTGTGAGCAACATGTCATCTGTCCTGTCCTGAACTTGTGTC
				Db 679 CTTTCTGTCCTGTGAGCAACATGTCATCTGTCCTGTCCTGAACTTGTGTC
RESULT 2				QY 674 T---GAGCTCTCCCTCTACCTTATAATGAGTCACA---TACGAAACCCCTG
US-09-303-040-5				Db 727
Sequence 5, Application US/09103040				Db 739 TGGAGATCTGCTCTCCCTACCTTCATATAGTCAGTAAAGAACCTCTG
Patent No. US20020051792A1				QY 798 799 AACAAAGCCACCTCTCTGATTCAGTAACTGAGAAAGGAAAGGAAAGGAA
GENERAL INFORMATION:				700 TGGTGTCTTCTCAACTAACTGAGTCACACCTGGCCCTCTCATGAAAT
APPLICANT: Winslow, Barbara J.				701 847 859 TGGTGTCTTAAACACTGAGAAAGGAAAGGAAAGGAAAGGAAAGGAA
APPLICANT: Cochran, Mark D.				858 867 919 TGGTGTCTTAAACACTGAGAAAGGAAAGGAAAGGAAAGGAAAGGAA
TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding				870 878 919 TGGTGTCTTAAACACTGAGAAAGGAAAGGAAAGGAAAGGAAAGGAA
TITLE OF INVENTION: Feline CD86, Feline CD86, Feline CTLA-4 or				907 919 GTGAAACCAAAAGTGGAGGAAAGAAAGGAGACCAAGGAAAGGAAAGGAA
TITLE OF INVENTION: Feline Interferon-gama And Uses Thereof				919 GTGAAACCATCAAAGGAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA
FILE REFERENCE: 54557-B				919 GTGAAACCATCAAAGGAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA
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CURRENT FILING DATE: 1999-04-30				919 GTGAAACCATCAAAGGAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA
EARLIER APPLICATION NUMBER: 60/083, 870				919 GTGAAACCATCAAAGGAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA
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OM nucleic - nucleic search, using 8w model

Run on: October 12, 2003, 13:00:26 ; Search time 76.2111 Seconds
 (without alignments)
 5716.299 Million cell updates/sec

Title: US-09-646-561-9
 Perfect score: 987
 Sequence: 1. atgtatctcatagtcactat.....acaacagtaactacacatgtt 987

Scoring table: IDENTITY_NUC
 Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

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Post-processing: Minimum Match 0%
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 Listing first 45 summaries

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 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	575.2	58.3	1002	3	US-09-039-98A-33	Sequence 33, Appli
3	575.2	58.3	1002	3	US-09-039-641-33	Sequence 33, Appli
4	575.2	58.3	1002	3	US-09-039-762A-33	Sequence 33, Appli
5	575.2	58.3	1002	4	US-09-042-49D-33	Sequence 33, Appli
6	575.2	58.3	1002	4	US-09-913-612A-33	Sequence 33, Appli
7	575.2	58.3	1120	2	US-08-456-104-1	Sequence 1, Appli
8	575.2	58.3	1120	2	US-0-101-624-1	Sequence 1, Appli
9	575.2	58.3	1120	3	US-08-419-744A-1	Sequence 1, Appli
10	575.2	58.3	1120	3	US-08-280-757B-1	Sequence 1, Appli
11	575.2	58.3	1120	3	US-08-205-69A-22	Sequence 22, Appli
12	575.2	58.3	1120	3	US-08-703-525-22	Sequence 22, Appli
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14	575.2	58.3	1120	4	US-08-435-11A-3	Sequence 3, Appli
15	575.2	58.3	1120	5	PCT-US95-02576-22	Sequence 22, Appli
16	575.2	58.3	1161	3	US-08-205-69A-24	Sequence 24, Appli
17	575.2	58.3	1161	3	US-08-702-525-24	Sequence 24, Appli
18	575.2	58.3	1161	5	PCT-US95-02576-24	Sequence 24, Appli
19	570.2	57.8	1424	4	US-09-326-18B-226	Sequence 226, Appli
20	570.2	57.8	1428	5	PCT-US94-09642-1	Sequence 1, Appli
21	565.2	57.3	1767	3	US-08-848-760B-11	Sequence 1, Appli
22	463.8	47.0	751	3	US-09-039-98A-34	Sequence 34, Appli
23	463.8	47.0	751	3	US-09-039-641-34	Sequence 34, Appli
24	463.8	47.0	751	3	US-09-326-18B-226	Sequence 34, Appli
25	463.8	47.0	751	4	US-09-042-49D-34	Sequence 34, Appli
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27	344.4	34.9	1151	3	US-08-205-697A-20	Sequence 34, Appli

Result No.	Score	Query	Match	Length	DB	ID	Description
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2	582.2	69.3	1080	9	US-09-103-040-5		Sequence 5, Appli
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13	463.8	55.2	1120	8	US-09-592-711-3		Sequence 3, Appli
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16	463.8	55.2	1120	11	US-09-350-202-3		Sequence 3, Appli
17	463.8	55.2	1161	9	US-09-837-867A-24		Sequence 24, Appli
18	463.8	55.2	1161	11	US-09-962-969-24		Sequence 24, Appli
19	458.8	54.6	1424	9	US-09-962-436-556		Sequence 556, Appli
20	458.8	54.6	1424	10	US-09-954-531-166		Sequence 366, Appli
21	458.8	54.6	1424	11	US-09-441-411-21		Sequence 21, Appli
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24	453.8	54.0	972	10	US-09-826-025-11		Sequence 11, Appli
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38	45	5.4	195	11	US-09-962-669-41		Sequence 41, Appli
39	42.2	5.0	8330	12	US-10-311-455-105		Sequence 405, Appli
40	37.8	4.5	6382	12	US-10-311-455-427		Sequence 427, Appli
41	37	4.4	5228	12	US-10-311-455-1628		Sequence 1628, Appli
42	36.8	4.4	650	13	US-10-027-700-19634		Sequence 19634, Appli
43	36.8	4.4	650	12	US-10-311-455-1945		Sequence 1845, Appli
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ALIGNMENTS

RESULT 1
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; Sequence 5, Application US/09303510A
; Patent No. US-0020028208A1
; GENERAL INFORMATION:
; APPLICANT: Collisson, Ellen W.
; APPLICANT: Hash, Insoo
; APPLICANT: Choi, Insoo
; TITLE OF INVENTION: Feline CD80, Feline CD86, and Feline CD28, and Feline CD8, and Polypeptides
; TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
; FILE REFERENCE: 54954
; CURRENT APPLICATION NUMBER: US/09-303,510A
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: 60/083,869
; EARLIER FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 83
; SEQ ID NO 5
; SOFTWARE: PatentIn Ver. 2.1
; LENGTH: 1080
; TYPE: DNA
; ORGANISM: Feline
US-09-303-510-5

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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6	463.8	55.2	751	14	US-10-105-678A-34		Sequence 34, Appli
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 searched: 569978 seqs, 220691566 residues
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post-processing: Minimum Match 0%
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result No.	Score	Query	Match	Length	DB	ID	Description
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3	463.8	55.2	751	3	US-09-039-641-34		Sequence 34, Appli
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Result	No.	Score	Query Watch	Length	DB	ID

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3	463.8	55.2	751	3	US-09-039-641-34
4	463.8	55.2	751	3	US-09-039-762A-34
5	463.8	55.2	751	4	US-09-042-492D-34
6	463.8	55.2	751	4	US-09-042-612A-34
7	463.8	55.2	1002	3	US-09-039-982A-33
8	463.8	55.2	1002	3	US-09-039-641-33
9	463.8	55.2	1002	3	US-09-039-762A-33
10	463.8	55.2	1002	4	US-09-042-492D-33
11	463.8	55.2	1002	4	US-09-042-612A-33
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 Sequence 34, Application US/09039982A
 Patent No. 6225042

GENERAL INFORMATION:
 APPLICANT: Cai, Zeling
 APPLICANT: Sprent, Jonathan
 APPLICANT: Brummark, Anders
 APPLICANT: Jackson, Michael
 APPLICANT: Peterson, Per A
 TITLE OF INVENTION: ANTIGEN PRESENTING SYSTEM AND METHODS FOR ACTIVATION OF T-CELL
 NUMBER OF SEQUENCES: 59
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Olson & Hierl, Ltd.
 STREET: No. 6225042th Wacker Drive, Suite 3000
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606

COMPUTER SYSTEM: PC-DOS/MS-DOS
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/039, 982A
 FILING DATE: 16-MAR-1998
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Olson, Anne M.
 REGISTRATION NUMBER: 3C-203
 REFERENCE/DOCKET NUMBER: TSI14710
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (312) 580-1180
 TELEFAX: (312) 580-1189
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 751 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOPOHETICAL: NO
 ANTI-SENSE: NO

US-09-039-982A-34
 Query Match 55.2%; Score 463.8; DB 3; Length 751;
 Best Local Similarity 80.5%; ref. No. 1.4e-135;
 Matches 569; Conservative 0; Mismatches 132; Indels 6; Gaps 2;
 Matches 569; Conservat 1 ATGATATCGATGCCACTATGAACTGATAACATCTCTGCTATGACCCTCTGCRC 60
 Qy 7 ATGATATCGATGCCACTATGAACTGATAACATCTCTGCTATGACCCTCTGCRC 66
 Db 61 TATGGTGTGCTTCCATGAAAGCTAAAGCTAAAGCTGAGAACCTCCATGC 120
 Qy 67 TCTGGTCTGTCCTGAGATTCAAGCTTATTCAAGACTGAGAACCTGCATGC 126
 Db 121 CATTITACAAATTCTAAACATAAGCCTGATGAGTTGGTCTTGGCAGACCCAG 180
 Db 127 CATTITCAACTCTAAACCAAGCCTGAGCTACTAGTATTGGCAGACCCAG 186
 Qy 181 GATAAGCTGGTTCTGTAAGGACTTACAGAGGCAAAAGAACCCCTCAAAATGTTCATCGC 240
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 Qy 541 ACTRAGATGATACATGTCATAGAAATCTCAAATATAGTCACAGAACTTACACGTT 600
 Db 544 ATCGATGATGTTGTTATTCAGATTCAGATACTTCAGAACTTACACGTT 603
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 Db 604 TCCATGCTGCTGCTGTTCTGATTCAGGAAATGACCTCTGTTCTGTT 663
 Qy 658 CTGCAACTTGTGACTTAATGAAAGCTTCCCTACCTTATAATAAGA 704
 Db 664 CTGCAACTTGTGACTTAATGAAAGCTTCCCTACCTTATAATAAGA 710C

RESULT³
 US-09-039-641-34
 Sequence 34, Application US/09039641
 Patent No. 62251627

GENERAL INFORMATION:
 APPLICANT: Cai, Zeling
 APPLICANT: Sprent, Jonathan
 APPLICANT: Brummark, Anders
 APPLICANT: Jackson, Michael
 APPLICANT: Peterson, Per A
 TITLE OF INVENTION: ANTIGEN PRESENTING SYSTEM AND METHODS FOR ACTIVATION OF T-CELL
 NUMBER OF SEQUENCES: 59
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Olson & Hierl, Ltd.
 STREET: No. 6225042th Wacker Drive, Suite 3000
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606

COMPUTER SYSTEM: PC-DOS/MS-DOS
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/039, 982A
 FILING DATE: 16-MAR-1998
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Olson, Anne M.
 REGISTRATION NUMBER: 3C-203
 REFERENCE/DOCKET NUMBER: TSI14710
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (312) 580-1180
 TELEFAX: (312) 580-1189
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 751 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOPOHETICAL: NO
 ANTI-SENSE: NO

Result No.	Score	Query Match	Length	DB ID	Description
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2	979.2	98.3	1080	9	Sequence 11, Appl
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4	553	55.5	1424	10	Sequence 34, Appl
5	553	55.5	1424	11	Sequence 4, Appl
6	553	55.5	1424	14	Sequence 4, Appl
7	540	54.2	1002	12	Sequence 1, Appl
8	540	54.2	1002	14	Sequence 1, Appl
9	540	54.2	1002	14	Sequence 1, Appl
10	540	54.2	1002	14	Sequence 1, Appl
11	540	54.2	1112	11	Sequence 1, Appl
12	540	54.2	1120	8	Sequence 3, Appl
13	540	54.2	1120	9	Sequence 22, Appl
14	540	54.2	1120	11	Sequence 22, Appl
15	540	54.2	1120	11	Sequence 3, Appl
16	540	54.2	1161	9	Sequence 24, Appl
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18	535	53.7	972	10	US-09-826-025-11
19	434.6	43.6	751	12	US-10-266-463A-34
20	434.6	43.6	751	14	US-10-105-200A-34
21	434.6	43.6	751	14	US-10-105-504A-34
22	434.6	43.6	751	14	US-10-105-678A-34
23	434.6	43.6	831	10	US-09-845-899A-4
24	429.6	43.1	738	14	US-10-060-585-4
25	429.6	43.1	1056	10	US-09-756-983-17
26	330	33.1	1261	9	US-09-837-867A-12
27	330	33.1	1261	11	US-09-962-969-12
28	329.6	33.1	1151	9	US-09-837-867A-20
29	329.6	33.1	1151	11	US-09-962-969-20
30	329.6	33.1	1183	11	US-09-441-969-11
31	327.2	32.9	598	14	US-09-796-982-754
32	327.2	32.9	598	14	US-10-040-862-7754
33	313.8	31.5	551	14	US-10-040-862-7817
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36	101.8	10.2	210	11	US-09-962-969-31
37	59.6	6.0	195	11	US-09-837-867A-41
38	59.6	6.0	195	11	US-09-962-969-41
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 Qy 421 GAAATAACAGTAACCTCTATAGACAGAAAATTCTGCGCATATAAATTGACCTGCTCA 480
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 Qy 601 GTTCTCTATCAGCTTCCTTTTCACTGCGCATGAGCTTACAGCTAAACACTGACAC 660
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 Qy 721 AAGGATAAAGACCCCTCAACAGGCCAACCTCTCCGATTCGGCTGACTCTGATGTT 780
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 Qy 781 GTTGTGTTTGTGGATGGTCTCTTAAACACTAAGGAAAAGCAAGAGACAGCTC 840
 Db 843 GTTGTGTTTGTGGATGGTCTCTTAAACACTAAGGAAAAGCAAGAGACAGCTC 902
 Qy 841 GGCCCTCTCATGAAATGGGAGAACCATCAAAGGCCAACCTCTCCGATTCGGCTGACTCTGATGTT 900
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 Qy 901 GAAAGATGACATACCACTACGCTAACCTGAGATGAGCCCTGATGAGACTAACATTG 960
 Db 963 GAAAGATGACATACCACTACGCTAACCTGAGATGAGCCCTGATGAGACTAACATTG 1022
 Qy 961 AAGAGAGCCCTAGGGGACAAAGT 984
 Db 1C23 AAGAGAGCCCTAGGGGACAAAGT 1046

RESULT 2
 US-09-303-040-5
 Sequence 5, Application US/09303040
 Patent No. 60083,040
 GENERAL INFORMATION
 APPLICANT: Cochran, Mark D.
 TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
 TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CT4A-4 or
 TITLE OF INVENTION: Feline Interferon-*Gamma* And Uses Thereof
 FILE REFERENCE: 54957-B
 CURRENT APPLICATION NUMBER: US/09/303,040
 CURRENT FILING DATE: 1999-04-30
 EARLIER APPLICATION NUMBER: 60/083,870
 EARLIER FILING DATE: 1998-05-01
 NUMBER OF SEQ ID NOS: 82

SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 5
 LENGTH: 1080
 TYPE: DNA
 ORGANISM: feline CD86
 NAME/KEY: CDS
 LOCATION: (63) .. (1052)
 US-09-303-040-5
 Query Match 98.3%; Score 979.2; DB 9;
 Best Local Similarity 99.1; Pred. No. 2e-281;
 Matches 3; Mismatches 0; Indels 0; Gaps 0;
 Matches 981; Conservative 0; Score 99.1; Pred. No. 2e-281;
 Matches 63; Mismatches 3; Indels 0; Gaps 0;
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 Qy 781 GTTGTGTTTGTGGATGGTCTCTTAAACACTAAGGAAAAGCAAGAGACAGCTC 840
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Qy 903 CTGAAACTGGGAGACCTGGGAGATGGGACTCTCCCTACCTTCAATATAGTCACAACCT 720
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 Db 783 AAGGATAAGGCTGAGACTGAGATGTTGAGCTGAGACTGAGCTGAGACTGAGCT 842
 Qy 781 GTTGTGTTTGTGGATGGTCTCTTAAACACTAAGGAAAAGCAAGAGACAGCTC 840
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GerCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 12, 2003, 13:00:26 ; Search time 76.906 Seconds
(without alignment)

5716.299 Million cell updates/sec

Title: US-09-646-561-28

Perfect score: 996

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Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139955

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Prev. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	979.2	98.3	1080	4	US-09-303-040-5	Sequence 5, Appli
2	553	55.5	1424	4	US-09-326-186B-226	Sequence 226, App
3	553	55.5	1428	5	PCT-US94-09642-1	Sequence 1, Appli
4	54.0	54.2	1002	3	US-09-039-982A-33	Sequence 33, Appli
5	54.0	54.2	1002	3	US-09-039-641-3	Sequence 33, Appli
6	54.0	54.2	1002	3	US-09-039-762A-33	Sequence 33, Appli
7	54.0	54.2	1002	4	US-09-042-492D-33	Sequence 33, Appli
8	54.0	54.2	1002	4	US-09-042-492D-33	Sequence 33, Appli
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13	54.0	54.2	1120	3	US-09-205-697A-22	Sequence 22, Appli
14	54.0	54.2	1120	3	US-09-702-525-22	Sequence 22, Appli
15	54.0	54.2	1120	4	US-09-403-253A-3	Sequence 3, Appli
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18	54.0	54.2	1161	3	US-09-205-697A-24	Sequence 24, Appli
19	54.0	54.2	1161	3	US-09-702-525-24	Sequence 24, Appli
20	54.0	54.2	1161	5	PCT-US95-02576-24	Sequence 24, Appli
21	53.7	97.2	751	3	US-09-848-760B-11	Sequence 11, Appli
22	434.6	43.6	751	3	US-09-039-982A-34	Sequence 34, Appli
23	434.6	43.6	751	3	US-09-039-641-34	Sequence 34, Appli
24	434.6	43.6	751	3	US-09-762A-34	Sequence 34, Appli
25	434.6	43.6	751	4	US-09-042-492D-34	Sequence 34, Appli
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27	33.1	1261	3	US-09-205-697A-12	Sequence 12, Appli	

ALIGNMENTS

RESULT 1
US-09-303-040-5
/ Sequence 5, Application US/09303040
/ Patent No. 6555671
/ GENERAL INFORMATION:
/ APPLICANT: Winslow, Barbara J.
/ APPLICANT: Cochran, Mark D.
/ TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
/ Feline CTLA-4 or
/ TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CTLA-4 or
/ TITLE OF INVENTION: Feline Interferon-Gama And Uses Thereof
/ FILE REFERENCE: 54957-B
/ CURRENT APPLICATION NUMBER: US/09/303,040
/ CURRENT FILING DATE: 1999-04-30
/ EARLIER APPLICATION NUMBER: 60/0083,870
/ NUMBER OF SEQ ID NOS: 82
/ SEQ ID NO 5
/ LENGTH: 1080
/ SOFTWARE: Patentin Ver. 2.0
/ TYPE: DNA
/ ORGANISM: feline CD86
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (63) .. (1055)
/ US-09-303-040-5
Query Match 98.3%; Score 979.2%; DB 4; Length 1080;
Best Local Similarity 99.7%; Fred. No. 2.4e-289;
Matches 981; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1 ATGGGATTTACAACTCTAAACATAAGCTGATGAGCTGGTAGATTTGGAGGAC
Db 63 ATGGGATTTGTGACGCACTATGGACTGAGTCAACTCTCTGTGATGGCCCTCTG
/ 122
Qy 61 CTCTCTGTGTTCTCTCTGATGAGCTGAGCATATTTCACAGACTGAGAAGCTGACCA
Db 123 CTCTCTGTGTTCTCTGATGAGCTGAGCATATTTCACAGACTGAGAAGCTGACCA
/ 182
Qy 121 TGCCATTTCACAACTCTAAACATAAGCTGATGAGCTGGTAGATTTGGAGGAC
Db 183 TGCCATTTCACAACTCTAAACATAAGCTGATGAGCTGGAGGAC
/ 242
Qy 181 CAGGATAAGCTGGTTGTGATGAGATTCAGGCAAAAGAAGACCTCTGAAATGTTCAT
Db 243 CAGGATAAGCTGGTTGTGATGAGATTCAGGCAAAAGAAGACCTCTGAAATGTTCAT
/ 302
Qy 241 CTCRAATAATAGGGCGTACAGCTTGTGACAAGGACAACACTGACCCCTGAGACTCCAAAT
Db 303 CTCAATAATAGGGCGTACAGCTTGTGACAAGGACAACACTGACCCCTGAGACTCCAAAT
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Query Match Score 553; DB 4; Length 1424;
 Best Local Similarity 75.7%; Pred. No. 4.8e-159;

RESULT 3
PCT-US94-09642-1

RESULT 2
US 09-303-040-5
Sequence 5, Application US/09303040
Patent No. US2002051792A1
GENERAL INFORMATION:
APPLICANT: Winslow, Barbara J.
ATTORNEY/AGENT INFORMATION:
APPLICANT: Cochran, Mark D.
TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
TITLE OF INVENTION: Feline CD86, Feline CD28, Feline CTRA-4 or
TITLE OF INVENTION: Feline Interferon-gama And Uses Thereof
FILE REFERENCE: 54957-3
CURRENT APPLICATION NUMBER: US/09/303,040
CURRENT FILING DATE: 1999-04-30
EARLIER APPLICATION NUMBER: 60/083,870
EARLIER FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 82
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
TYPE: DNA
ORGANISM: feline CD86
FEATURE:
NAME/KEY: CDS
LOCATION: (63) .(1052)
US-09-303-040-5

RESULT 3
US-09-826-025-11
Sequence 11, Application US/09826025
Patent No. US20030162123A1
GENERAL INFORMATION:
APPLICANT: Chang, Lung-Ji
TITLE OF INVENTION: Combination Immunogene Therapy
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/826,025
FILING DATE: 04-APR-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/838,702
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: CHANG-02687
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 972 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-826-025-11

Query Match 97 5% Score 496 2; DB 9; Length 1080;
Best Local Similarity 99.4%; Pred. No. 1e-140; N mismatches 0; Indels 0; Gaps 0;
Matches 498; Conservative 0; N mismatches 3; Indels 0; Gaps 0;

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546 ATACAGGTATACCGAGAACCTAACGAGATCTATTTACGTTAACACTGAGAAATCACT 605

Query 6 ACTAAGTATGATCTGTCAAGAAATCTCAAATAATGTGATAAGACTGTGAACTAGTT 120
606 ACTAAGTATGATCTGTCAAGAAATCTCAAATAATGTGAGAACTGTGAACTAGTT 665

Query 12 TCTATAGCTTGCCTTTCAGTCCCTGAGGACCAAACTGAGGCTCTTCCTGAGGCCCTG 180
666 TCTATAGCTTGCCTTTCAGTCCCTGAGCAGAACTGAGGCTCTTCCTGAGGCCCTG 725

Query 181 AAACTGGAGAACCTGGAGATCTGGCTTACCTTCATAATAGATCACAACCTAG 240
726 AAACTGGAGAACCTGGAGATCTGGCTTACCTTCATAATAGATCACAACCTAG 785

Query 241 GATAAAGACCCGTGAAAGGCACTCTGGATTGCGCTGACTGTGAAATCTGAGCGTT 300
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846 GTTTCCTTGTGGATGGTGTCTTAAAGACTTGGAAAGGAGAGAGCTGCG 905
361 CCCTCTCATGATGTAACCATCAAAGGGAGAAAGAGGCAACAGACAA 420
906 CCCTCTCATGATGTAACCATCAAAGGGAGAAAGAGGCAACAGACAA 965
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Db 481 ACAGGCTCAGGCAAAAGT 501
Db 1026 ACAGGCTCAGGCAAAAT 1046

Db 786 GATAAAAGACCCGTGAAAGCAGGGCAGCTTCCTCTGGATTGCGCTGACTGTGAAATCTGAGCGTT 845
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Db 1026 ACAGGCTCAGGCAAAAT 1046

RESULT 3
US-09-826-025-11
Sequence 11, Application US/09826025
Patent No. US20030162123A1
GENERAL INFORMATION:
APPLICANT: Chang, Lung-Ji
TITLE OF INVENTION: Combination Immunogene Therapy
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/826,025
FILING DATE: 04-APR-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/838,702
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: CHANG-02687
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 972 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-826-025-11

Query Match 41 8% Score 212 6; DB 10; Length 972;
Best Local Similarity 69.0%; Pred. No. 2.9e-54;
Matches 354; Conservative 0; Mismatches 144; Indels 15; Gaps 4;

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Query 61 ACTAAGTATGATCTGTCAAGAAATCTCAAATAATGTGAGAACTGTGAACTGAGCGTT 120

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4	110	Sequence 24, Appli	Sequence 34, Appli	30.6	1161	9 US-09-837-867A-24
5	110	Sequence 24, Appli	Sequence 34, Appli	30.6	1161	11 US-09-962-69-24
6	110	Sequence 556, Appli	Sequence 34, Appli	30.6	1424	10 US-09-362-416-556
7	110	Sequence 366, Appli	Sequence 33, Appli	30.6	1424	11 US-09-954-531-366
8	110	Sequence 21, Appli	Sequence 31, Appli	30.6	1424	14 US-10-207-551-120
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12	110	Sequence 23, Appli	Sequence 12, Appli	21.5	1183	11 US-09-441-411-23
13	110	Sequence 12, Appli	Sequence 31, Appli	21.5	1261	11 US-09-962-69-12
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15	110	Sequence 933, Appli	Sequence 136345, Appli	10.1	1106	13 US-10-027-632-118801
16	110	Sequence 136345, Appli	Sequence 118897, Appli	9.8	1151	11 US-09-962-69-20
17	110	Sequence 118897, Appli	Sequence 85887, Appli	9.7	577	13 US-10-027-632-85887
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19	110	Sequence 178938, Appli	Sequence 316247, Appli	9.7	577	13 US-10-027-632-316224
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21	110	Sequence 2036, Appli	Sequence 13148, Appli	9.6	420	10 US-09-960-552-13148
22	110	Sequence 13148, Appli	Sequence 16, Appli	9.6	2710	9 US-09-800-739-16
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RESULT: 2

US-09-303-040-5

; Sequence 5, Application US/09303040

; Patent No. US20020051792A1

; GENERAL INFORMATION:

; APPLICANT: Winslow, Barbara J.

; INVENTOR: Cochran, Mark D.

; TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding

; TITLE OF INVENTION: Feline CD80, Feline CD28, Feline CTLA-4 or

; TITLE OF INVENTION: Feline Interferon-gama And Uses Thereof

; FILE REFERENCE: 54957-B

; CURRENT FILING DATE: 1999-04-30

; EARLIER FILING DATE: 60/083,870

; NUMBER OF SEQ ID NOS: 82

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 5

; LENGTH: 1080

; TYPE: DNA

; ORGANISM: feline CD86

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (63)...(1052)

; US-09-303-040-5

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 Best Local Similarity 94.8%; Pred. No. 1.7e-58; Indeis 0; Gaps 0;
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Qy 61 ACTAAGTATGATACTGTCTGAAAGAACTCTCAAATAATGTGAGAAGCTAACGTT 120
 Db 606 ACTAAGTATGATACTGTCTGAAAGAAATCTCAAATAATGTGAGAAGCTAACGTT 665

Qy 121 TCTATAGCTGCTTTCAGTCCTGAGAGCATGTGAGCTCTTCTGCT 180
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Qy 181 AACTGGAGACATCTGGATGCTCTCCACCTTCATAATAGAACATCAAAGG 240
 Db 726 AACTGGAGACATCTGGATGCTCTCCACCTTCATAATAGAACATCAAAGG 785

Qy 241 GAGGAAA 248
 Db 786 GATANAGA 793

; CURRENT APPLICATION NUMBER: US/10/060,585
 ; CURRENT FILING DATE: 2002-09-06
 ; PRIOR APPLICATION NUMBER: US 09/445375
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: GB 9711579.4
 ; PRIOR APPLICATION NUMBER: GB 9713150.2
 ; PRIOR FILING DATE: 1997-06-20
 ; PRIOR APPLICATION NUMBER: GB 9714230.1
 ; PRIOR FILING DATE: 1997-07-04
 ; PRIOR APPLICATION NUMBER: PCT/GB00/04317
 ; PRIOR FILING DATE: 2000-11-13
 ; PRIOR APPLICATION NUMBER: PCT/GB99/03859
 ; PRIOR FILING DATE: 1999-11-18
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; NUMBER OF SEQ ID NOS: 27
 ; SEQ ID NO: 4
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 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: B7-2 (1-241)

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 Best Local Similarity 73.5%; Pred. No. 4.8e-23;
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Qy 121 TCTATAGCTGCTTTCAGTCCTGAGAGCATGTGAGCTCTTCTGCT 177
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Qy 178 CTGAAACTGGAGACACTGGATGCTGCTCCCTACCTTCAATATAGA 227
 Db 640 CTGCAAACGTGACA -- AGACGGGCTTTAACCTCACCTCTCATAGA 686

RESULT: 4

US-10-266-463A-34

; Sequence 34, Application US/10266463A

; Publication No. US20030138946A1

; GENERAL INFORMATION:

; APPLICANT: SPRENT, Jonathan

; APPLICANT: BRINMARK, Anders

; APPLICANT: JACKSON, Michael

; APPLICANT: PETERSON, Per A.

; APPLICANT: LUXEMBOURG, Alain

; APPLICANT: LEPURQ, Didier Jean

; APPLICANT: MORIARTY, Ann M.

; TITLE OF INVENTION: ANTIGEN PRESENTING SYSTEM AND METHODS

; FILE REFERENCE: TSRI 471.1 Div. 1

; CURRENT APPLICATION NUMBER: US/10/266,463A

; CURRENT FILING DATE: 2002-10-08

; PRIOR APPLICATION NUMBER: US 08/913,612

; PRIOR FILING DATE: 1997-09-08

; PRIOR APPLICATION NUMBER: PCT/US96/03249

; PRIOR FILING DATE: 1996-03-08

; PRIOR APPLICATION NUMBER: US 08/400,338

; PRIOR FILING DATE: 1995-03-08

; NUMBER OF SEQ ID NOS: 65

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO: 34

; LENGTH: 751

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 Copyright (c) 1993 - 2003 Compugen Ltd.

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actual number of hits satisfying chosen parameters: 1139956

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7	110	30.6	751	4	US-08-042-492D-34	Sequence 34, Ap	34	Ap
8	110	30.6	751	4	US-08-913-612A-34	Sequence 34, Ap	34	Ap
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11	110	30.6	1002	3	US-08-039-641-33	Sequence 33, Ap	33	Ap
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13	110	30.6	1002	4	US-08-042-492D-33	Sequence 33, Ap	33	Ap
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16	110	30.6	1120	2	US-08-101-624-1	Sequence 1, Ap	1	Ap
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RESULT 2
 US-08-479-744A-46
 Sequence 46, Application US/08479744A
 Patent No. 6084067
 GENERAL INFORMATION:
 APPLICANT: Freeman, Gordon J.
 ADDRESS: 6084067el CTLA4/CD28 Ligands and
 TITLE OF INVENTION: No. 6084067el CTLA4/CD28 Ligands and
 NUMBER OF SEQUENCES: 55
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD, LLP
 STREET: 60 State Street
 CITY: Boston
 STATE: Massachusetts
 ZIP: 02109
 COMPUTER READABLE FORM:
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 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
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 APPLICATION NUMBER: US/08/479,744A
 FILING DATE: JUNE 7, 1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/280,757
 FILING DATE: 26-JUL-1994
 APPLICATION NUMBER: 08/109,393
 FILING DATE: 26-JULY-1993
 APPLICATION NUMBER: 08/147,773
 FILING DATE: 3-NOV-1993
 APPLICATION NUMBER: 08/101,624
 FILING DATE: 26-JULY-1993
 APPLICATION NUMBER: 08/147,773
 FILING DATE: 3-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Mandragours, Amy E.
 REGISTRATION NUMBER: 36,207
 REFERENCE/DOCKET NUMBER: RPI-004CP3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941
 INFORMATION FOR SEQ ID NO: 46:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 306 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..310
 US-08-479-744A-46

RESULT 3
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 Sequence 46, Application US/08280757B
 Patent No. 6130316
 GENERAL INFORMATION:
 APPLICANT: Freeman, Gordon J.
 ADDRESS: 6130316el CTLA4/CD28 Ligands and
 TITLE OF INVENTION: No. 6130316el CTLA4/CD28 Ligands and
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 60 State Street, Suite 510
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
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 APPLICATION NUMBER: 08/109,393
 FILING DATE: 19-AUG-1993
 APPLICATION NUMBER: 08/147,773
 FILING DATE: 3-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Mandragours, Amy E.
 REGISTRATION NUMBER: 36,207
 REFERENCE/DOCKET NUMBER: RPI-004CP2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941
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 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
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 LOCATION: 1..310
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GenCore version 5.1.6
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Agent No. 6555671

GENERAL INFORMATION:

APPLICANT: Winslow, Barbara J.
APPLICANT: Cochran, Mark D.
TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, Feline CTLA-4 or
TITLE OF INVENTION: Feline Interferon-gamma And Uses Thereof
FILE NUMBER: 54957-R

CURRENT APPLICATION NUMBER: US/09/303,040
CURRENT FILING DATE: 1999-04-30
EARLIER APPLICATION NUMBER: 60/083,870
EARLIER FILING DATE: 1998-05-01
NUMBER OF SEQ ID NCS: 82

SOFTWARE: PatentIn Ver. 2.0
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GenCore version 5.1.6
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ULT 1
C9-303-04C-5
Sequence 5, Application US/C9303040
Current No. 6555671
GENERAL INFORMATION:
APPLICANT: Winslow, Barbara J.
APPLICANT: Cochran, Mark D.
TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, Feline CIVLA-4 or
TITLE OF INVENTION: Feline Interferon-gama And Uses Thereof
FILE REFERENCE: 54957-B
CURRENT APPLICATION NUMBER: US/09/303,040
CURRENT FILING DATE: 1999-04-30
EARLIER APPLICATION NUMBER: 60/382,870
EARLIER FILING DATE: 1998-05-01
NUMBER: X of SEQ ID NOS: 82
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 5

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US-09-303-040-5

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US-09-039-982A-34
; Sequence 34, Application US/09039992A
; Patent No. 6225042
; GENERAL INFORMATION:
; APPLICANT: Cai, Zeling
; APPLICANT: Sprent, Jonathan
; APPLICANT: Brumark, Anders
; APPLICANT: Jackson, Michael
; APPLICANT: Peterson, Per A
; TITLE OF INVENTION: ANTIGEN PRESENTING SYSTEM AND METHODS FOR ACTIVATION
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Olson & Hierl, Ltd.
; STREET: 20 No. 6225042th Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/039,982A
; FILING DATE: 16-MAR-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Olson, Arne M.
; REGISTRATION NUMBER: 30,203
; REFERENCE/DOCKET NUMBER: TSR4710
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 580-1180
; TELEFAX: (312) 580-1189
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 151 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
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US-09-039-982A-34

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RECEIVED
U.S. PATENT AND TRADEMARK OFFICE
Sequence 5, Application US/09303510
Serial No. CS2002C02808A1
GENERAL INFORMATION:
APPLICANT: Collisson, Ellen W.
ATTORNEY: Hash, Stephen V.

RESULT 3
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Sequence 7817, Application US/09796692
Publication No. US20020198362A1
GENERAL INFORMATION:

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ALIGNEMENTS

RESULT 1
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Sequence 5, Application US/0930351CA
Patent No. US2002022028A1
GENERAL INFORMATION:
APPLICANT: Collison, Ellen W.
ATTY/ANT: Hash, Stephen M.
ATTY/ANT: Hash, Stephen M.

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Sequence 5, Application US7C9303510A
Patient No. US20020028208A1
GENERAL INFORMATION:
APPLICANT: Collinson, Ellen W.
ATTORNEY: Hatch, Chapman &